

VERSION WITH MARKINGS TO SHOW CHANGES MADE

ABSTRACT

1
2 An improved plunger mechanism apparatus to increase
3 well flow production levels. Efficiency of well flow is
4 increased by a two-piece plunger assembly apparatus that is
5 mechanically latched during lift, separates at the well top,
6 and allows a bottom assembly to efficiently fall to the well
7 bottom. The top plunger piece is held at the well top for a
8 set time or condition and when released, its open internal
9 orifice allows it to fall to the well bottom in an efficient
10 manner, and when at the well bottom it mechanically latches,
11 either via a magnetic or mechanical connection, to the
12 bottom assembly.